FILE NOTATIONS Entered in N I D File Entered On S R Sheet Location Map Pinned Card Indexed	Checked by Chief Copy NID to Field Office Approval Letter Disapproval Letter	PNB V
I W R for State or Fee Land COMPLETION DATA: Date Well Completed 7-22-63 OW	Location Inspected Bond released State of Fee Land	HLC-
LOGS F	ILED	
Driller's Log 7-25-63 Electric Logs (No.) 2 E	GR GR-N Others	Micro

Miami Oil Producers, Inc.

DRILLING - DEVELOPING - OPERATING OIL PROPERTIES

TELEPHONE OR4-6253 - P.O. DRAWER 2040

Abilene, Texas

CARL MILES

June 21, 1963

Utah Oil & Gas Conservation Commission 310 Newhouse Building 10 Exchange Place Salt Lake City 11, Utah

Gentlemen:

Attached you will find in duplicate Notice of Intention to Drill in connection with the Zoller and Danneberg-Miami Federal 4-A-1 well, to be located NE½ NE½ Sec. 4, T39S, R21E, San Juan County, Utah. This well is being drilled under Federal approved Unit Operating Agreement, Black Mesa Unit.-

We are also attaching copy of Notice of Intention to Drill as filed with the United States Geological Survey.

If further information is needed, please advise.

lery crary yours

Jack Stivers

JS:md1 Encls.

Form	ogco T
------	--------





LAND:

STATE OF UTAH OIL & GAS CONSERVATION COMMISSION

SALT LAKE CITY, UTAH

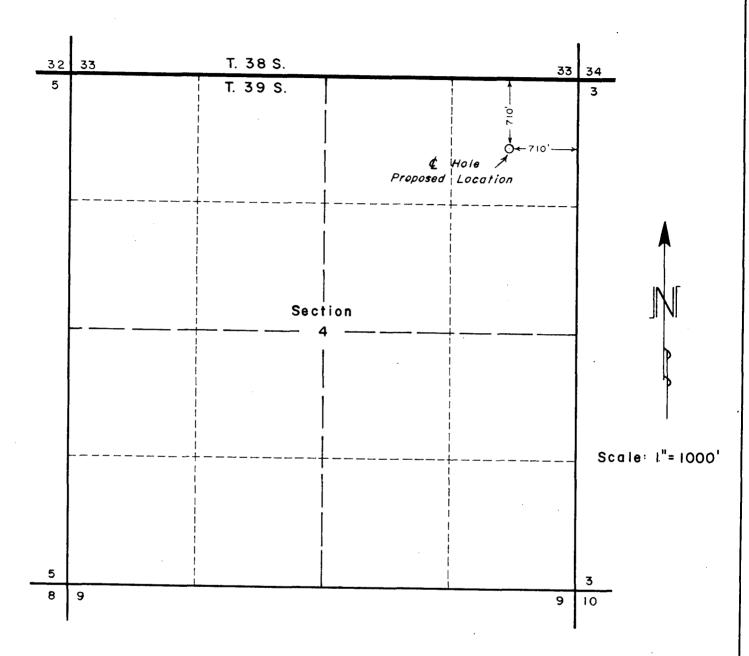
Fee and Patented	
State	
Lease No	
Public Domain	
Indian 🖂	

Lease No.

SINDRY NOTICES AND DEDODTS ON WELLS

Notice of Intenti		TV	1	
	ion to Drill			ater Shut-off
	ion to Change Plans			tering Casing
Notice of Intent	ion to Redrill or Repair			edrilling or Repair
Notice of Intent	ion to Pull or Alter Casing		II -	tory
Notice of Intent	ion to Abandon Well			
	(INDICATE ABOVE BY C	HECK MARK NATU	Tana - 07	
Zoller & I	Danneberg-Miami Fed	loral '	June 21	, 19 63
Well No. 4-A-	-1 is located .710 f	t. from N	line and 710 ft. from	n {E} line of Sec. 4
5W NEZ NEZ Se	ec • 4 39S		21E	SLB&M
(/4 -00: 224 000	(1wp	••	(Mange)	(Meridian)
Wildcat(B)	lack Mesa Unit) Sa	n Juan (County or	r Subdivision)	Utah (State er Territory)
	of the derrick floor above se		• · · · · · · · · · · · · · · · · · · ·	(
A drilling and	plugging bond has been file	d with	***************************************	
		DETAILS	OF WORK	• .
(State names of a jobs, cementing p	and expected depths to objective coints, and all other important w	sands: show s	sizes, weights, and lengths of n	roposed casings; indicate mudding spudding-in.)
jobs, cementing p	oints, and all other important w	sands: show s	sizes, weights, and lengths of n	roposed casings; indicate mudding spudding-in.)
jobs, cementing p	and expected depths to objective points, and all other important we cormation Tops:	sands; show s ork, surface i	sizes, weights, and lengths of n	roposed casings; indicate mudding spudding-in.)
Expected E	oints, and all other important w	sands; show s ork, surface i	sizes, weights, and lengths of n	roposed casings; indicate mudding spudding-in.)
Expected E Navajo	oints, and all other important w	sands; show s ork, surface i 973 1813	sizes, weights, and lengths of n	roposed casings; indicate mudding spudding-in.)
Expected E Navajo Chinle DeChelly	oints, and all other important w	973 1813 2943	sizes, weights, and lengths of n	roposed casings; indicate mudding spudding-in.)
Expected E Navajo Chinle	oints, and all other important w	973 1813 2943 3073	sizes, weights, and lengths of n	roposed casings; indicate mudding spudding-in.)
Expected E Navajo Chinle DeChelly Organ Rx Hermosa	oints, and all other important w	973 1813 2943 3073 4828	sizes, weights, and lengths of n	roposed casings; indicate mudding spudding-in.)
Expected E Navajo Chinle DeChelly Organ Rx Hermosa A-2 Shale	oints, and all other important w	973 1813 2943 3073 4828 5673	sizes, weights, and lengths of n	roposed casings; indicate mudding spudding-in.)
Expected E Navajo Chinle DeChelly Organ Rx Hermosa A-2 Shale Ismay	oints, and all other important w	973 1813 2943 3073 4828 5673 5698	sizes, weights, and lengths of n	roposed casings; indicate mudding spudding-in.)
Expected E Navajo Chinle DeChelly Organ Rx Hermosa A-2 Shale Ismay Paradox Sh	oints, and all other important we formation Tops:	973 1813 2943 3073 4828 5673 5698 5838	sizes, weights, and lengths of n	roposed casings; indicate mudding spudding-in.)
Expected E Navajo Chinle DeChelly Organ Rx Hermosa A-2 Shale Ismay	oints, and all other important we formation Tops:	973 1813 2943 3073 4828 5673 5698 5838	sizes, weights, and lengths of pi formation, and date anticipate s	spudding-in.)
Expected E Navajo Chinle DeChelly Organ Rx Hermosa A-2 Shale Ismay Paradox Sh Desert Cre C Shale	oints, and all other important we commutation Tops:	973 1813 2943 3073 4828 5673 5698 5838 5883 6000	sizes, weights, and lengths of profession, and date anticipate and date anticipate and date anticipate and date anticipate and date and da	ched)
Expected E Navajo Chinle DeChelly Organ Rx Hermosa A-2 Shale Ismay Paradox Sh Desert Cre C Shale	oints, and all other important we commutation Tops:	973 1813 2943 3073 4828 5673 5698 5838 5883 6000	sizes, weights, and lengths of profession, and date anticipate and date anticipate and date anticipate and date anticipate and date and da	spudding-in.)
Expected E Navajo Chinle DeChelly Organ Rx Hermosa A-2 Shale Ismay Paradox Sh Desert Cre C Shale	coints, and all other important we cormation Tops: ale eek this plan of work must receive	973 1813 2943 3073 4828 5673 5698 5838 5883 6000	sizes, weights, and lengths of profession, and date anticipate and date anticipate and date anticipate and date anticipate and date and da	ched)
Expected F Navajo Chinle DeChelly Organ Rx Hermosa A-2 Shale Ismay Paradox Sh Desert Cre C Shale I understand that	coints, and all other important we cormation Tops: ale eek this plan of work must receive	973 1813 2943 3073 4828 5673 5698 5838 5883 6000 approval in w	sizes, weights, and lengths of profession, and date anticipate and date anticipate and date anticipate and date anticipate and date and da	ched)

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.



WELL LOCATION: Zoller & Danneberg — U. S.A. - Williams # 1

Located 710 feet South of the North line and 710 feet West of the East line of Section 4,
Township 39 South, Range 21 East, Salt Lake Base & Meridian.
San Juan Co., Utah
Existing ground elevation determined at 5171 feet based on adjoining well locations.

thereby dentity the above plat represents a survey made under by supervision and that it is accurate to the best of me knowledge and helief

E. MER M. CLARK
Registered Land Surveyor
State of Utah # 2307

ZOLLER \$ DANNEBERG Denver, Colorado

WELL LOCATION
Section 4 - T.39S.-R.21E.
San Juan Co., Utah

E.M. CLARK & ASSOC.

Durango , Colorado

DATE: April 26, 1963 FILE NO: 63026 Sopy 4. 2.8.

Reflect Lands to thing 4 Soller & Epopology-Mond Podurel 4-A-1, San Jama County, Stab

17% hole will be drilled a maximum of 175', minimum of 130'. 13-3/8" Grade H-40 480 casing will be set and computed to surface, and tested to 2000s. 11% hole will be drilled to 1880', at which time it will be determined if water flow is encountered; if water flow is encountered, 8-5/8" Grade J-55 240 casing will be set at 1850' with 250 sacks of coment, and tested to 2000). If no water flow is encountered, hole will be reduced to 7-7/8" and drilled to Total Bepth of 6025'. Ismay and Besert Creek somes will be tested by drill stem test dethed if show is encountered. If moons are productive, 44" cosing will be set to betal Supth and commeted with 400 seeks of commet. In the event the well is non-productive, the United States Scological Survey will be contacted for plugging instructions,

and the well will be plugged and shandoned in accordance

with instructions received. *

June 24, 1963

Zoller & Danneberg 324 Patterson Building Denver 2, Colorado

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Miami-Federal 4-A-1, which is to be located 710 feet from the north line and 710 feet from the east line of Section 4, Township 39 South, Range 21 East, SLEM, San Juan County, Utah.

Please be advised that insofar as this office is concerned, approval to drill said well is hereby granted.

As soon as you have determined that it will be necessary to plug and abandon the above mentioned well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL, Chief Petroleum Engineer

Office: DA 8-5771 or DA 8-5772

Home: CR 7-2890 Saltlake City, Utah

This approval terminates within 90 days if the above mentioned well has not been spudded in within said period.

Enclosed please find Form OGCC-8-X, which is to be completed

if water sands (aquifers) are encountered while drilling, particularly assessable near surface water sands.

Your cooperation with respect to completing this form will be greatly appreciated.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT EXECUTIVE DIRECTOR

CBF: cnp

cc:

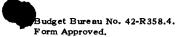
Jerry Long, District Engineer U. S. Geological Survey Durango, Colorado

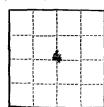
Harvey L. Coonts, Petroleum Engineer Oil & Gas Conservation Commission Moab, Utah

Miami Oil Producers, Inc. P. O. Drawer 2040 Abilene, Texas

Form 9-331a (Feb. 1951)







(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Land	Office 04689-A
Lease	No.
Unit .	·

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL NOTICE OF INTENTION TO CHANGE PLANS. NOTICE OF INTENTION TO TEST WATER SHUT-OFF. NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL. NOTICE OF INTENTION TO SHOOT OR ACIDIZE. NOTICE OF INTENTION TO PULL OR ALTER CASING. NOTICE OF INTENTION TO ABANDON WELL.	W. A.	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING SUBSEQUENT REPORT OF ALTERING CASING. SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR. SUBSEQUENT REPORT OF ABANDONMENT. SUPPLEMENTARY WELL HISTORY

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

July 23				
Well No. 4-4-1 is locate	• Missi d 710 f	t. from $\begin{bmatrix} I \\ S \end{bmatrix}$ line and	d 710 ft. from $\begin{Bmatrix} \mathbf{F} \\ \mathbf{W} \end{Bmatrix}$ line of	sec.
ME WE Sec. 4	39 5	21.E	SIMM	
(¼ Sec. and Sec. No.)	(Twp.)	(Range)	(Meridian)	
Wildest (Black Mess	(mit)	Sen Juen	ita's	
(Field)		(County or Subdivision)	(State or Territory)	

The elevation of the derrick floor above sea level is

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cement-ing points, and all other important proposed work)

Well was soud 6/29/63. 162' of 13-3/6" J-55 casing was set at 177', cemented with 160 sacks. Well was drilled to ID of 6218', no water flowwas Electrical logs were run on the well, tops as follows: encountered. 6034 Mava jo 1020 Paradox 6100 Winaste 1610 Desert Creek 6192 Cainle 2015 C Shele 3135 Dechelly

OFTERN RE 3235 5026 dermosa

5878 Immey Shale **ECO2** Addendam attached) Issay Carbonate

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company	Zoller & Denneberg	
Address	324 Fetterson Building	$\left(\right) $
	Denver, Colorado	By ace Timers
33-33		Title Agent

Lapy H-L L.

Coller & Denneberg-Mismi Federal 4-A-1

DST No. 1 - 5940 to 6017'.

lool open 2 hours with strong blow throughout.

3530₩

Recovered 940' gas in drill pipe, 60' very slightly gas cut drilling muc.

IF? 59 to 89#

1 dr. 1510

l ar. (Ste 534

hydrostatic 1043 to 3028#

DST No. 2 - 6150 to 6213'.

Tool open I hour with week blow that died in 10 minutes. Bypassed twice, recovered 125' drilling sad.

1F? 447 FF? 896 1 or. IST: 17596 1 or. FST: 10836

Initial hydrostatic 31350 Final hydrostatic 31350

No shows of oil or gas being encountered in this well that indicated it would produce commercially, it is Operators' intention to plug and abandon as follows:

Ting No. 1 6150 to 6050, with 30 sacks cement 510g No. 2 5050 to 4950, with 30 sacks cement 510g No. 3 3150 to 3050, with 30 sacks cement 510g No. 4 1100 to 1000, with 30 sacks cement 710g No. 5 0 to 30, with 10 sacks cement.

Dry hole plug will be usided in top of surface casing, and well marker will be erected in compliance with rules and regulations of the Gil and Gas Commission of the State of Stan, and the United States Geological Survey. Verbal approval of the above plans have been received from the State of Stan, and the United States Geological Survey.

Lapy H. K. E.

Form OGCC-2

STATE OF UTAH

OIL AND GAS CONSERVATION COMMISSION

AFFIDAVIT AND RECORD OF ABANDONMENT AND PLUGGING

PLUGGING METHODS AND PROCEDURE: -- The method and procedure for plugging a well shall be as follows:

- (a) The bottom of the hole shall be filled to, or a bridge shall be placed at the top of each producing formation open to the well bore, and in either event, a cement plug not less that fifty (50) feet in length shall be placed immediately above each producing formation open to the well bore whenever possible.
- (b) A cement plug not less than fifty (50) feet in length shall be placed at approximately fifty (50) feet above and below all fresh water bearing strata.
- (c) A plug shall be placed at or near the surface of the ground in each hole.
- (d) The interval between plugs shall be filled with heavy mud-laden fluid.
- (e) The hole shall be plugged with heavy mud up to the base of the surface string at which point a plug of not less than fifty (50) feet of cement shall be placed.

	nit) County San Juan	
Zoller & Danneberg, Miami- Lease Name Federal 4-A Well No. 1	Sec. 4 Twp. 398 R. 21	LE
Date well was plugged:		
was the well plugged according to regulati	on of the Commission: Yes	
Set out method used in plugging the well, used in plugging, size of plugs, location different materials, and the amount of cas bottom elevations of each section of aband	and extent (by depths) of the plugs of ing left in hole. (giving size top end	
Plug No. 1 6150 to 6050, with		54
$\frac{\text{ug No} \cdot 2}{\text{100} \cdot \text{100}} = \frac{5050 \text{ to } 4950}{\text{100}}$ with	h 30 sacks cement	- i
$ug No \cdot 3$ 3150 to 3050, with	h 30 sacks cement	
ug No. 4 1100 to 1000, with ug No. 5 0 to 30, with 10	n 30 sacks cement	
us No. 5 0 to 30, with 10 2 of 13-3/8" surface casing left	sacks cement in hole	
Opera Addre	By: Record Building By: Well Control By: Record Building By: Record Building	
	Agent	·
AF	FIDAVIT	······································
- Application of the Control of the		***************************************
AFI STATE OF UNIXITEXAS COUNTY OF Taylor		
COUNTY OF Taylor Before me, the undersigned authority	ty on this day personally appeared, known to me to be the person whose naing by me duly sworn on oath states that	+:
TATE OF XXXTexas OUNTY OF Taylor Before me, the undersigned authoristack Stivers ubscribed to the above instrument, who bese is authorized to make this report and have	FIDAVIT ty on this day personally appeared , known to me to be the person whose naing by me duly sworn on oath states that as knowledge of the facts stated herein	it
TATE OF WXXTexas OUNTY OF Taylor Before me, the undersigned authorist Jack Stivers subscribed to the above instrument, who best to authorized to make this report and had and that said report is true and correct.	FIDAVIT ty on this day personally appeared, known to me to be the person whose naing by me duly sworn on oath states that as knowledge of the facts stated herein	it

INSTRUCTIONS: Complete this form in duplicate.

Taylor County, Texas

Form	OGCC-1
· 12	





LAND:

LAND:	SW/B)	
	Patented	

STATE OF UTAH OIL & GAS CONSERVATION COMMISSION SALT LAKE CITY, UTAH

Lease No	
Public Domain	

Indian Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill Notice of Intention to Change Plans Notice of Intention to Redrill or Repair Notice of Intention to Pull or Alter Casing Notice of Intention to Abandon Well	XX	Subsequent Report of Water Shut-off Subsequent Report of Altering Casing Subsequent Report of Redrilling or Repair Supplementary Well History	
---	----	---	--

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Zoller & Danneber	raaMi ami = Fodorol	July 23	, 19 63
Well No. 4-A-1 is loc	cated 710 ft. from	${X}$ line and710 ft. from	{E} line of Sec. 4
NEZ NEZ Sec. 4	39 S	21E	SLB&M
(1/4 Sec. and Sec. No.)	(Twp.)	(Range)	(Meridian)
Wildcat (Black Mesa	Unit) Sar	n Juan	Utah
(Field)	(Coun	aty or Subdivision)	(State or Territory)
The elevation of the derrick	floor above sea level is	5171 GL feet.	
A drilling and plugging bond	l has been filed with	USGC	•

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

Well was drilled to TD of 6218, with no productive formations encountered. Propose to plug and abandon as follows:

Plug No. 1 6150 to 6050, with 30 sacks cement 5050 to 4950 with 30 sacks cement Plug No. 2 Plug No. 3 3150 to 3050, with 30 sacks cement Plug No. 4 1100 to 1000, with 30 sacks cement Plug No. 5 0 to 30, with 10 sacks cement

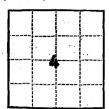
Dry hole plug will be welded in top of surface, and well marker erected in compliance with rules and regulations of the State of Utah, and the USGC. Verbal approval of above plans received.

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company Zoller & Danneberg 324 Patterson Building Bv.. Denver, Colorado Agent

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

Form 94831 a (Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Budget	Bureau No.	42-R358.4
Form A	pproved.	•

	· · · · · · · · · · · · · · · · · · ·	
and O	ffice	
	. ^4	600

SUNDRY	NOTICES A	AND REF	ORTS ON	WELLS	
NOTICE OF INTENTION TO DRILL.		1 11	T REPORT OF WATER SHI		
NOTICE OF INTENTION TO CHANGE			IT REPORT OF SHOOTING		1 1
NOTICE OF INTENTION TO TEST W. NOTICE OF INTENTION TO RE-DRIL		1 1	IT REPORT OF ALTERING		
NOTICE OF INTENTION TO SHOOT			IT REPORT OF RE-DRILLIN		1 ' 1
NOTICE OF INTENTION TO PULL OF			IT REPORT OF ABANDONM	IEN I	
NOTICE OF INTENTION TO ABANDO		1 !!			
(INDI	CATE ABOVE BY CHECK MAR	K NATURE OF REPO	RT, NOTICE, OR OTHER DA	TA)	
	A CANADA A Canada Canada	o de la companya de l	i de la compania de l La compania de la compania del compania de la compania de la compania del compania de la compania del compania de la compania del compania de la compania del compania dela compania del compania del compania del compania del compania de	are interes	10 25
Zaller & Damoher	make water		ıly 23		, 1753
Zeiler & Dameber Well No. 4-A-1 is loc	ated 710 ft. fron	$\begin{bmatrix} \mathbf{A} \\ \mathbf{C} \end{bmatrix}$ line an	ndft. from	$\{E_{\mathbf{M}}\}$ line of sec	
Mark Sec. and Sec. No.)	788	(21g)	SI Meridian M		
11 deat (Black Mes	a Unit) Son	Juan	IItal		<u></u> .
(Field)	County	or subdivision)		ete or Territory)	
The elevation of the derric	k floor above sea le	vel is 5171	. ft. 61. - 4	Cart Card	a death a
	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	ILS OF WO			enwi wike s
(State names of and expected depths				e, indicata muddin :	-h
	ing points, and all	other important p	roposed work)	o,area madeing j	you, Cerronica
ell was plugged as	handane d	on Rely 2	9 1963	4411	
lug No. 1	6150 to 6	OSO with	30 sacks c	TOTTOMR!	
lug Mo. 2	5050 to A	OSO with	30 sacks co		
lug No. 3	3150 to 3	950, WILL	30 Backs c		*
lug No. 4	1100 to 1	and when	30 sacks ce		
lug No. 5	1 to 30	ove with	JO DREKE CE	BERT	
	O LO JU ₉	ATEU TO S	acks cement	programme and the	
ry hole nive was .	salded in ten				nastis si v
ry hole plug was t	merces an cop	or agers	ce conting,	HEG MOTT IN	rker
rected in compliment the United State	the Controlog	s and reg	Traffices OF	the State	or utan
and cite out the sice	ces acoratica	r servey.	k (*), *	•	
I understand that this plan of we	ork must receive approval in	n writing by the G	sological Survey before of	perations may be com	menced.
Company Zeller &	Demokero		·	e e	
Company and a second	- conservation 8				
Address 324 Patti	erson Building	\$		\cdots \mathcal{L}	e.
Name of the last o	9-1		p PARI	1 (11	- " 11
Denver, (By To Cl	NULU	wire
		the state of the s			

Form OGCC-3

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

Salt Lake City, Utah

Tم	he	kent	Confidential	until_				•	
• •		порс		(Not to	exceed 4	months	after	filing	date

LOG OF OIL OR GAS WELL

	L CORRECTLY				1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -			
Operating Com	ipany ZOLI	ER & D	ANNEBER	G = Address	324 Patter	son B1	dg, D	enver, Co
Lease or Tract	Miami•Fe	deral•	4•A >∈∋	To Field	Vildcat		Uta	<u>n</u>
Well No. 21	Sec. 4	т 39S в	. 21B Mer	idian SLBI	MC		an Ju	
Location 710	ft of	Line a	n 710 ft.	W of E	Line of Sec	**************************************	(Derrick	ation 5171 floor relative to sea level)
The inform	nation given l	erewith is	a comple	te and dorre ct	record of the	vell and al	Twork (done thereon
so far as can be	e determined	from all av	rosloblo roč	orde "	aen	Lie	ere	ノ
Date July	23, 1963	3	jud C st		Title	Ágent		
The summ	ary on this pa	ge is for t	he conditi	on of the well	at above date.			
Commenced dr	illing June	29_ ີ	<u> </u>	63 Finish	ed drilling Ju	ıly 21		, ₁₉ 63
2/10/43	V.A			S SANDS O				
3/6/43	(enote gas by G)				
21012,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	NONE 8 C				from			
No. 2, from	٠٠٠ <u>٠</u> 	to	unili Curi	_D No. 5,	from	to)	
No. 3, from		- 0			from	to		
7/4/33	33°	•		NT WATER				
No. 1, from	NONE	to		.≌ ° - No. 3, BEET 7 *	from	to		
No. 2, from	4 0 x	to	ອງກັບ	_{DU} No. 4,	from	to		
1	3.02	<u> 19.115, 1.</u>	CAS	ING RECOR	(D ,3,17,8 • -	TUBLID :	(3 <u>(*)</u>	to v neoun
Size Weight per foot	Threads Beri.	Make	Amount	Kind of shoe	Cut and pulled from	From-	To	Purpose
L3-3/8 48#	8 Rd	1 2	162	600	9550	•		Surface
		-		-		-		
. Light a made							 	
		-	NIBYC ANI	CEMENTI	NG RECORD	-		
<u> </u>			 T		<u> </u>	<u> </u>		
Size where		ber sacks of ce	ment	Method used	Mud gravity	An	nount of n	
L3=3/8 177		50		Howco	99			
					<u>i. 1 </u>			
14 T	3	ATOME		AND ADAP	TERS	Danth get		
Heaving plug-	-	NONE_	•					
Adapters—Ma	terial			Size		,		

	Where set	Number sa	cks of cement	Method u	sed.	Mud gravity	Amount of mud used
3•3/8 177¹ 160			Howco			65	
			PLUC	S AND AL	APTER	RS	
Heaving	plug-Mate	erialN	ONE	Length		D	epth set
Adapter	s-Material			Size			
			SHO	OOTING R	ÉCORD	y <u>-</u>	
Size	Shell us	ed Ex	plosive used	Quantity	Date	Depth shot	Depth cleaned out
		None					
•••••							
		٠	O.=	TOOLS US	ED		
							feet to
Cable to	ols were used	l from	feet	t to	feet	, and from	feet to
				DATES			
Date P	& A Jul	y 22	, 1	9 63 Pu	t to proc	ducing	, 19
The	production	for the first	24 hours was	s l	arrels o	f fluid of which	ch% was oil;
emulsio):% wa	ter: and	-% sediment.			Gravity, °Bé	
		,				olina non 1 000	on ft of mag
Tfo	og woll on	ft nor 94 hou			ons gase	Diffie Der Love	
-			urs	Gall	ons gase	ome per 1,000	ou, is, or gas
-			urs	Gall		onne per 1,000	7 cu. 15. 01 gas
Roc	ek pressure,	lbs. per sq. i	urs n	Gall EMPLOYE	ES		
Roo Emp1	ek pressure, oyees of	lbs. per sq. i drillin Arapaho	urs n g. Driller	Gall EMPLOYE	ES		, D
Roo Emp1	ek pressure, oyees of	lbs. per sq. i drillin Arapaho	urs n B Driller	Gall EMPLOYE	ES		, D
Roo Emp1	ek pressure, oyees of	lbs. per sq. i drillin Arapaho	urs n. Driller e Co.19riller	Gall EMPLOYE	ES		, D
Roo Emp1	ek pressure, oyees of ractor • Ling Co•	lbs. per sq. i drillin Arapaho	urs n. Driller e Co.19riller	EMPLOYE	ES	 D	, D
Emp1 cont Dri1	ek pressure, oyees of ractor • Ling Co•	drillin Arapaho Denver	urs n. Coloriller FOR	EMPLOYE MATION F	RECORI	FORM of complete Drill	, D IATION er's Log add Geologic Tops.
Emp1 cont Dri1	ek pressure, oyees of ractor • Ling Co•	drillin Arapaho Denver	urs n. Coloriller FOR	EMPLOYE MATION F	RECORI	FORM of complete Drill	, D
Roo Emp1 cont Dril	ek pressure, oyees of ractor • Ling Co•	drillin Arapaho Denver	n	EMPLOYE MATION F	RECORI	FORM of complete Drill whether from Ele	AATION Ter's Log add Geologic Tops. ectric Logs or samples.
Emp1 cont Dril	ek pressure, oyees of ractor • Ling Co• attache	drillin Arapaho Denver	ours Driller Golfbriller FOR TOTAL FEI	EMPLOYE MATION F	RECORI	FORM of complete Drill	AATION Ter's Log add Geologic Tops. ectric Logs or samples.
Emp1 cont Dril FROM	ek pressure, oyees of ractor • ling Co• attache trical 1	drillin Arapaho Denver	GOLDTILLE TOTAL FEI	EMPLOYE MATION F	RECORI	FORM of complete Drill whether from Ele	AATION Ter's Log add Geologic Tops. ectric Logs or samples.
Emp1 cont Dril FRO	ek pressure, oyees of ractor • ling Co• attache trical 1	drillin Arapaho Denver	Coloriller FOR TOTAL FEI	EMPLOYE MATION F	RECORI	FORM of complete Drill whether from Ele	AATION eer's Log add Geologic Tops. ectric Logs or samples.
Empl cont Dril FROM	attache trical 1	drillin Arapaho Denver	GOLDTILLE TOTAL FEI	EMPLOYE MATION F	RECORI	FORM of complete Drill whether from Ele	AATION Ter's Log add Geologic Tops. ectric Logs or samples.
Empl cont Dril FROM	attache trical 1	drillin Arapaho Denver	Total surv	EMPLOYE MATION F	RECORI	FORM of complete Drill whether from Ele	AATION eer's Log add Geologic Tops. ectric Logs or samples.
Emp1 cont Dril See Elec Nava Wina Chin DeCh	attache trical 1	drillin Arapaho Denver	Total Fer 1020 1610 2015	EMPLOYE MATION F	RECORI	FORM of complete Drill whether from Ele	AATION eer's Log add Geologic Tops. ectric Logs or samples.
See Elec Nava Wina Chin DeCh Orga Herm	attache trical 1 jo gate elly n Rx	drillin Arapaho Denver To-	Total surv	EMPLOYE MATION F	RECORI	FORM of complete Drill whether from Ele	AATION eer's Log add Geologic Tops. ectric Logs or samples.
See Elec Nava Wina Chin DeCh Orga Herm	attache trical 1 jo gate elly n Rx osa	drillin Arapaho Denver To- d electr og tops:	Driller FORE TOTAL FEI 1020 1610 2015 3135 3235 3026 5878	EMPLOYE MATION F	RECORI	FORM of complete Drill whether from Ele	AATION eer's Log add Geologic Tops. ectric Logs or samples.
See Elec Nava Wina Chin DeCh Orga Herma Isma	attache trical 1 jo gate elly n Rx osa carbon	drillin Arapaho Denver To- d electr og tops:	Driller FORM TOTAL FEI 1020 1610 2015 3135 3235 3026 5878 5903	EMPLOYE MATION F	RECORI	FORM of complete Drill whether from Ele	AATION eer's Log add Geologic Tops. ectric Logs or samples.
Roof Emp1 cont Dril FROOF See Elec Nava Wina Chin DeCh Orga Herm Isma Isma Para	attache trical 1 jo gate le elly n Rx osa condox	drillin Arapaho Denver to- d electr og tops:	1020 1610 2015 3135 3235 3026 5878 5903 6034	EMPLOYE MATION F	RECORI	FORM of complete Drill whether from Ele	, D IATION Ter's Log add Geologic Tops. ectric Logs or samples.
See Elec Nava Wina Chin Orga Herm Isma Isma Para Dese	attache trical 1 jo gate elly n Rx osa y Carbon dox rt Creek	drillin Arapaho Denver to- d electr og tops:	Driller FORE TOTAL FEE 1020 1610 2015 3135 3235 3026 5878 5903 6034 6100	EMPLOYE MATION F	RECORI	FORM of complete Drill whether from Ele	, D IATION Ter's Log add Geologic Tops. ectric Logs or samples.
See Elec Nava Wina Chin DeCh Orga Herm Isma Isma Para Dese C Sh	attache trical ling cate le elly n Rx osa carbon dox rt Creek ale	drillin Arapaho Denver to- d electr og tops:	Driller FORE 1020 1610 2015 3135 3235 3026 5878 5903 6034 6100 6192	EMPLOYE MATION E T A 7eys for	RECORI	FORM of complete Drill whether from Ele	, D IATION Ter's Log add Geologic Tops. ectric Logs or samples.
Roof Emp1 cont Dril FROOF See Elec Nava Wina Chin DeCh Orga Herm Isma Isma Para Dese C Sh	attache trical ling cate le elly carbon dox rt Creek ale	drillin Arapaho Denver To- d electr og tops:	Driller FORM TOTAL FEI 1020 1610 2015 3135 3235 5026 5878 5903 6034 6100 6192	EMPLOYE MATION F T A Teys for	RECORI	of complete Drill whether from Election	, D MATION er's Log add Geologic Tops. ectric Logs or samples. On.
Roof Emp1 cont Dril From See Elec Nava Wina Chin Orga Herm Isma Isma Isma Para Dese C Sh	attache trical 1 jo gate elly n Rx osa creek ale	drillin Arapaho Denver to- d electr og tops:	Driller FORE TOTAL FEI 1020 1610 2015 3135 3235 3026 5878 5903 6034 6100 6192	EMPLOYE MATION E A 7eys for	RECORI t the end State v	of complete Drill whether from Election	AATION der's Log add Geologic Tops. dectric Logs or samples.
Emp1 cont cont Dril FRO See Elec Nava Wina Chin DeCh Orga Herm Isma Isma Para Dese C Sh Dril Tool	attache trical ling cate le elly carbon dox rt Creek ale	drillin Arapaho Denver to- d electr og tops:	Color Driller FORM TOTAL FEI 1020 1610 2015 3135 3235 5026 5878 5903 6034 6100 6192 1: 5940 to the strong	EMPLOYE MATION F TO 6017	t the end State v	of complete Drill whether from Election Led section hout. Re	AATION er's Log add Geologic Tops. ectric Logs or samples. On. covered 940 gas
Roof Emp1 cont Cont Dril FRO See Elec Nava Wina Chin Orga Herm Isma Isma Isma Para Dese C Sh Dril Tool dril	attache trical ling cate le elly carbon dox rt Creek ale	drillin Arapaho Denver to- d electr og tops:	Ical surv 1020 1610 2015 3135 3235 3026 5878 5903 6034 6100 6192 1:5940 the strong slightly	EMPLOYE MATION F TO 6017 CO 6017 CO 6017 CO 6017	t the end State v	of complete Drill whether from Election	AATION er's Log add Geologic Tops. ectric Logs or samples. On. covered 940 gas
See Elec Nava Wina Chin DeCh Orga Herm Isma Isma Para Dese C Sh	attache trical ling cate le elly carbon dox rt Creek ale	drillin Arapaho Denver to- d electr og tops:	Color Driller FORM TOTAL FEI 1020 1610 2015 3135 3235 5026 5878 5903 6034 6100 6192 1: 5940 to the strong	EMPLOYE MATION F TO 6017 CO 6017 CO 6017 CO 6017	t the end State v	of complete Drill whether from Election Led section hout. Re	AATION er's Log add Geologic Tops. ectric Logs or samples. On. covered 940 gas

Ą





FORMATION RECORD—Continued

TO-	TOTAL PERTY	POBMATION
Lyder 4812		
OF THE * ES TO	- 1530%	
	19 to (97)	
critil pile, 30' very	oligati, ja	s out Catilities was.
Drill Stem Test No	2 -6150 to 6	$818_{f m}$ ungung $_{f m}$ ang (19 $_{f m}$ angung
Tool open 1 hour wit	h weak blow	hat died in 10 minutes. Bypassed
twice, recovered 125		
TFP TST 7	44#	
ppporta arostr	89#	
1 THE COISTP	1755#	
TOHES FSTPONGED	1083#	
Initial hydrostatic	1	
Final hydrostatic	3135#	
na Rear May	3531	
Ped Leading (3135	
्र पुरस्कृ	5000	
ျှံ့အပေးသ	1-(17)	
me.i.gli ol	1000	
edec Ser palacian		
noor uniterior onoon:	a forming, yport	ကုခဏ ရက်ကွောင်မှ ရခဲ့ခဲ့ရကိုမှာ ်
	*	
	1:	
	100	
- Parkilling 30 + , a olim as	0.0.	
್ರಾಂದಿ ಸಚ್ಚಾಗಿ ಸ್ವಗ್ತಿ ಬಿಡ್ಡು ಡಿ.ಬಿ.		
Thurtograps of Contillin		
All the second of the second	y 4 .	
in the project of the control of the		
·		VAR CONTRACTOR OF THE CONTRACT
ברי כי ד		
Letin Lands ethnic		and the second of the second o
om the control of the second districts		
	-1	
Account of the programmen		
1. (建设的) 医肾髓 (建设) 解放。 1. 1. 1. 克	oforgina a l	
	\$ 37, 4 77	
e-1	1	

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or hailing.

State whether electric logs were run.

4, 130

T36/29/63	Spud 17% hole 5 jts (162) of 13-378" Grade H-40, 48#
	surface casing was set at 1771, cemented with 160 sacks
	cement, 2% cc. Set for 48 hours. Tested to 2000#.
7/1/63	372 • shale and sand
7/2/63	1822 • sand and shale.
7/3/63	2561 • sand and shale
7/4/63	33701 • sand and shale
7/5/63	3704 * sand and shale
7/6/63	3992 • sand and shale
7/7/63	4273 • shale and lime
7/8/63	shale and lime • 44691
7/9/63	4685 sand and shale
7/10/63	4893 sand and shale
7/11/63	25.077 shale and lime
7/12/63	5232 sand and lime
7/13/63	5454 * lime and shale
7/14/63	5557' → lime and shale
7/15/63	5711 • lime and shale
7/16/63	5827' • lime and shale
7/17/63	5946' • lime and shale
7/18/63	6017' • lime. Ran DST No. 1, 5940 to 6017'.
7/19/63	6080 shale
7/20/63	6175 1ime, dolomite.
7/21/63	6218 • TD. Ran electric logs and DST No. 2, 6150 6218.
7/22/63	Plugged as dry and abandoned